

To: EIIP Steering Committee Members
From: Dennis Beauregard
Date: January 31, 2000
Subject: STAPPA/ALAPCO Conference Call on Phase 2

As you are aware, on January 27th, a STAPPA/ALAPCO conference call was conducted to explain Phase 2 of EIIP and solicit support for the program as well as feedback on how it might be improved. My notes from the call are as follows:

Geri O'Sullivan conducted the call and started with a roll call according to EPA regions. I was not able to record the names of all the participants, but did note the following EPA regional offices, States, local agencies and regional planning bodies: Connecticut, Region 2, Allegheny County (PA), Virginia, District of Columbia, Alabama, North Carolina, Florida, South Carolina, Georgia, Dayton (OH), Illinois, Michigan, Indiana, Cincinnati (OH), Texas, Louisiana, Kansas, Missouri, Colorado, Wyoming, Nevada, San Diego, Arizona, Seattle, WESTAR, Seattle (WA), Alaska and at least a half a dozen others that I didn't have time to note.

Roger Westman presented some EIIP background information and then asked me to give some comments on EPA's relationship to EIIP. Cyril then provided some comments on the mobile sources developments and Linda summed up this portion of the call with some supportive comments about how productive the partnership with EPA and industry had been.

Roger then asked participants to provide feedback on Attachment 1 to the notice for the call which listed the high priority projects to be addressed under Phase 2 of EIIP. The comments received are listed by subject area and where possible, either an agency or contact is noted:

Mobile Sources

- Raymond Forde: Can we conduct a workshop on using MOBTIX to develop a mobile sources toxics pollutant inventory?
- Focus on onroad, not nonroad.
- Issues are aircraft and construction vehicles
- Out West, concerns are dirt road impacts on Regional Haze
- Air toxic speciation data are needed
- Cyril: Will send out list of projects from recent OTAQ meeting to Geri so she can forward it to committee chairs
- Bob Lebens, WESTAR: Keep people up to date on NH₃, lot of research going on
- Damian: Emissions from commercial marine vessels are a problem due to complexity of information.

Toxics

- Lisa Silver: Off road mobile source categories are a concern

- Woodburning (residential): factor has changed and not for the better
- Marty (Allegheny County): Older AP-42 sections need to be revisited
- Richard Wales (San Bernardino): Desert soils contain toxics. Need methods for conducting soil analyses for mine activities
- Precious metals recovery: incineration of computer boards using only afterburners for controls.

Area Sources

- Forest fires: toxics numbers are high compared to wood stoves. Possibly the wood stove numbers are too low?
- Richard Doe (ARB): Need better toxics factors for area sources. Wildfires push the risk numbers. Is developing area source toxics inventory for CA using activity data from criteria pollutant inventory. Looking for better activity data for wood stoves and fireplaces.
- Maggie Corbin: Need speciation data, not as concerned about activity data.
- The U.S. census will provide data on fuel usage and type of fuel used
- Jack Sipple: Need data on pollutant species for area and mobile sources (Pb, Cr and As).
- Jim Southerland: guidance needed on reporting for glycol ethers and PAH's (what forms and mass to be reported).

Modeling

- Temporal profiles for ozone are important for mobile and area sources
- Peter Hyde (AZDEQ): Speciated fine particles for all source categories. There's a 4 to 1 mismatch. Inventories estimate 20% are combustion related particles while ambient monitoring filters show that 75% of the particles (by mass?) are combustion related. Geologically related particles are being overestimated by inventories.
- Fine particle EI improvements are needed. Paved road dust emissions are overestimated by Part 5 Model. New study by UC Riverside on paved road emissions is available. Phoenix study to begin fall.
- Nonroad: Need to allow for near roadside deposition.
- Raymond: Need evaluation of preprocessors
- Temperature profiles for EGU's needed

Biogenics

- Peter Hyde: Biogenic VOC's are too high and should be cut by 1/2.
- Linda Murchison: Important Issue. Didn't feel that BEIS2 represented the best biogenics emission estimates for CA.
- Cyril Durenberger: Environ is working with EPA to develop new version of BEIS.
- Dennis Beauregard: Promised to connect with Tom Pierce to discuss concerns and explore projects under EIIP.

Data Management

- Multi-media reporting: Should EIIP address?
- Federal Land Managers: emission reporting forces multi-media approach.

- Mark McMillan, CO: Effort to develop Total Maximum Daily Loadings (TMDL's) for waterbodies requires multi-media data.
- Nitrogen deposition to Long Island Sound, Chesapeake Bay is also of concern
- Wyoming: Haven't had NA's or need to develop EI's. Can we provide a template for IPP?
- Raymond: Check out "Ozoneville" guidance
- Bob Betterton, SC: Can we provide sample files for net transmittal? Give an example company.

Miscellaneous

- Utah: Any information on chemical reaction of salt on roads in winter season forming nitrates?
- Consolidated Reporting Rule: Question about status. To be provided on 2/1 Emissions and Modeling STAPPA/ALAPCO conference call.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina

February 8, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Bob Betterton, Point Sources Committee
Cyril Durrenberger, Steering Committee
Herb Sherrow, Steering Committee
Tom Pace, PM-2.5 Committee
Rob Altenburg, Mobile Sources Committee
Laurel Driver, EPA/EFIG
Garry Brooks, ERG

GENERAL ISSUES

Reports on the status and progress of EIIP committees were given, followed by discussion of general interest items.

Point Sources Committee

Bob Betterton reported on the progress of the Point Sources Committee (PSC). In terms of active document chapters, work is proceeding along fine for Chapters 12 and 14. Chapter 12 addresses control device effectiveness and reliability, while Chapter 14 is an AIRS emission factor document. In regards to Chapter 12, there is some concern about how to address control device codes that are used in the National Emissions Trends (NET) system. Chapter 12 will be modified to have an appendix for control device codes so data can be moved into the NET system more easily and efficiently.

In terms of committee goals for the year, Bob indicated that there were four. These are: 1) incorporate methods for toxics into existing sections of the point sources guidance volume; 2) develop a guidance chapter for the Synthetic Organic Chemicals Manufacturing Industry (SOCMI); 3) develop a guidance chapter for the Graphic Arts industry; and 4) revise/update the Boiler chapter in several ways. The Boiler chapter revisions pertain to incorporating landfill gas combustion and tire burning into the document, and investigating whether the preferred method for SO₂ emissions should be changed from a fuel sulfur method to a Continuous Emissions Monitoring (CEM) method.

Area Sources Committee

No one from this committee was on the call so no report was made.

Quality Assurance Committee

No one from this committee was on the call so no report was made.

Projections Committee

No one from the committee was on the call; however, Dennis said he had spoken with Greg Stella, the EPA co-chair, and Greg did relay some information for the call. The committee is still wrestling with what projects to conduct for 2000. They posed a question on whether a project could be initiated that would last more than a year. Dennis said that since Roger Westman recently indicated that the prospects of EIIP funding for 2001 looked very good, based on STAPPA/ALAPCO feedback, he felt there was not a problem for the Projections Committee to start a project that could extend beyond 1 year.

Biogenics Committee

No one from this committee was on the call; however, Dennis said he had spoken with Tom Pierce, former EPA co-chair of the committee, about reinitiating committee activities as a part of Phase 2. Tom expressed interest in this if a state co-chair could be found for the committee. Dennis indicated that if anyone had any suggestions to please let him know. Cyril commented that there may be someone available to do this from Texas. He will check on this person.

Mobile Sources Committee

The report on mobile sources was given by Cyril Durrenberger, with support from Rob Altenburg. Cyril reported that he and Rob had met with EPA's Office of Transportation and Air Quality (OTAQ) [formerly the Office of Mobile Sources or OMS] on January 20th. On an overall basis, Cyril and Rob said the meeting went about as good as it could have. They met primarily with Gene Tierney and Lee Cook. They summarized for Gene and Lee the philosophy and history of the EIIP and explained the types of projects that have been performed. They discussed the important role OTAQ could play in the EIIP mobile sources program and presented to them a list of potential EIIP mobile sources projects that could be performed. Cyril requested that OTAQ try to provide a co-chair for a reconstituted mobile sources committee, and if this was not possible, at least identify a person that could be used as a point of contact to receive materials that the committee would like to get OTAQ peer review on. Tierney and Cook commented that most of their group's time these days was devoted to getting the MOBILE6 model finalized and out to the public. MOBILE6 is clearly their top priority. While they generally support the goals of the EIIP effort, they were not overly optimistic that OTAQ staff could actively participate at this time.

Cyril stated that the EIIP should proceed with the list of potential mobile sources projects with or without involvement from OTAQ. He felt the EIIP needs to send this message back to OTAQ and indicate that we are moving on. Also, it should be made clear that OTAQ will not have “veto power” on the projects and products that this committee may generate. If the OTAQ does not provide a co-chair, the Emission Factor and Inventory Group (EFIG) will be asked to do so. A note is being sent to David Misenheimer to this effect. Cyril pointed out that OTAQ inquired about having EIIP provide them some technical review and feedback on MOBILE6. They are particularly interested in getting state feedback on which model features are clearly needed now, as opposed to ones that could be postponed for later model releases. OTAQ was told that EIIP people can provide this kind of review and feedback and are very willing to do so.

Rob is preparing a letter that will be distributed to people who may be interested in participating on a mobile sources committee. The letter will include the list of potential projects that have been proposed. Cyril commented that the topic of mobile sources committee membership should also be put on the agenda for the next STAPPA/ALAPCO Emissions and Modeling Committee call as a means to solicit members. He will call Roger Westman about this.

PM-2.5 Committee

The report for this committee was given by Tom Pace. He announced that the PM-2.5 Inventory Resource Center website was now up and fully operational. Tom also stated that a project has been initiated with the U.S. Department of Agriculture (USDA) to develop a comprehensive emissions model for ammonia emissions. A workshop to be held in Beltsville, Maryland, and co-hosted by EPA and USDA, is currently being planned for late March. The workshop will bring together a select set of experts from USDA, EPA, and states to discuss the creation of such a model. One of the key discussion topics will be the performance specifications that will be required of the model to make it successful. Cyril asked a question to clarify that states would be invited to the workshop. Tom said that yes they were and that self-nominations for state people were being handled through Sheila Holman at North Carolina. One state person from NC that he thought had been signed up was Bill Cure. Tom stressed that the goal was to not exclude anyone from the workshop, but at the same time, to keep the number of people manageable such that effective work and progress could be achieved.

Toxics Committee

Dennis reported that there was not yet a formal Toxics Committee formed. The process to form a committee has been delayed by the search to find a state/local agency co-chair person. A couple of candidates have been approached thus far, but no one has been able to take on the co-chair job. Cyril commented that it would be good to get a local agency person for the job since we had not had a local agency person as an EIIP co-chair before. Everyone agreed with Cyril's suggestion. Another comment was made that there may be a person in Louisiana that would be good for the job since Louisiana has done a significant amount of toxics work. Herb Sherrow said he would pursue this with his state contacts in Louisiana.

OTHER BUSINESS

STAPPA/ALAPCO Call On Phase 2

Dennis reported on the outcome of the STAPPA/ALAPCO call that occurred on January 27th that discussed the EIIP Phase 2 Plan. He commented that the call went extremely well, about as good as it could. There were approximately 35-40 agencies represented on the call. Roger Westman summarized the work of the EIIP committees and their products, and presented the highlights of the Phase 2 Plan for the group. Dennis said there was little if any negative feedback and the comments were all mostly positive. The exchange was very productive and the group appeared to be supportive of the Phase 2 program.

For the comments that were received from STAPPA/ALAPCO, there was discussion on this call about what to do with them. The consensus seemed to be to post the comments on the EIIP website so anyone could review them. STAPPA/ALAPCO would be told that this is what is being done so members could review what is posted to make sure that their comments were correctly reported. If any STAPPA/ALAPCO member had an issue with how any of their comments were reported, they should bring it up during the next call of the STAPPA/ALAPCO Emissions and Modeling Committee or respond to the contact listed.

Dennis also reported that the budget picture for EIIP for FY2001 looked good. Roger had relayed to Dennis that preliminary feedback from STAPPA/ALAPCO directors was promising and positive that the program would likely be funded at the current level (\$675K) for 2001.

STEERING COMMITTEE

Next Call

The next teleconference call was scheduled for Wednesday, March 8, 2000, at 3 p.m. EST and the call-in number will be (919) 541-4248.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina

March 15, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Bob Betterton, Point Sources Committee
Cyril Durrenberger, Steering Committee
Roger Westman, Steering Committee
Roy Huntley, Point Sources Committee
Tom Pierce, Biogenic Sources Committee
Chuck Mann, Area Sources Committee
Mark Estes, Biogenic Sources Committee
Rob Altenburg, Mobile Sources Committee
Lee Tooly, EPA/EFIG
Laurel Driver, EPA/EFIG
Garry Brooks, ERG

A report was given on the funding status of the program, followed by a discussion of the status of new or reconstituted committees. Progress reports of existing committees were then presented and general discussions were held involving training issues and the EIIP fall workshop.

FUNDING

Roger Westman provided information on the status of STAPPA/ALAPCO funding approval for EIIP Phase 2 activities. Roger reported that STAPPA/ALAPCO has overwhelmingly (but not unanimously) approved funding for EIIP Phase 2 activities. Overall, there was a lot of support for the program. There were some dissenters from the majority opinion (e.g., California) that indicated they did not like having dollars taken off the top of the budget for special projects such as EIIP. Roger indicated that one individual said they did not have a good feeling about what was being done under EIIP and program activities seemed “fuzzy” to him, even though this individual had seen much of the guidance that has been produced. Roger thought this comment could be addressed by producing, for each EIIP project or activity, a 1-page description of what the project was all about. The description would define the project, specify what would be accomplished and how, provide a schedule of activities for the project, and a cost estimate. The 1-page description would better detail for STAPPA/ALAPCO observers how EIIP funds are being spent.

Dennis indicated that he is in the process of preparing an EIIP presentation for the upcoming Standing Air Emissions Workgroup (SAEWG) meeting in Asheville. He thought that much of the information that would be contained in the 1-page descriptions proposed by Roger would be covered in his presentation. He plans to post his presentation on the EIIP web site. Cyril asked if it would be possible to have a handout on the planned projects for the Asheville meeting. Dennis commented that he was not sure this would be possible, but he would try and see what he could do. Roger stated that it would be helpful to have the 1-page handouts to coincide with the semi-annual STAPPA/ALAPCO board meetings, since these are the people who could benefit most from the information.

Roger commented that the STAPPA/ALAPCO Board was also considering several other funding options. He mentioned that the Board was trying to decide how to possibly approach Congress regarding funding. They are considering going directly to Congress to request that emission inventory development be more specifically addressed and mandated, and commensurately funded.

NEW COMMITTEES

Mobile Sources Committee

The report for this committee was made by Rob Altenburg. Rob indicated that efforts to staff this revamped committee had been successful and that there were now about 25 people on the roster for the committee. A welcome letter was e-mailed to the members last week. Rob indicated that he would send the roster of new members to Dennis next week for his review and concurrence. Both Cyril and Dennis voiced that they would be interested in sitting in on the initial conference calls of this committee. Rob noted that 25 people seemed a little large for the committee, but he did not expect the entire group to participate actively in all committee activities. He thought several people wanted to be a committee member in order to stay on the mailing list and stay informed on committee work and progress. He expects many fewer than 25 to routinely and consistently participate in the committee's activities.

Dennis reported that an EPA co-chair for the committee had not yet been identified. He stated that the search for a co-chair has included EPA regional offices and EPA's modeling group, but no candidate has come forth as of yet. Dennis noted that he had also been in contact with a Department of Energy (DOE) person named Doug Lawson. Doug's lab does emissions testing on mobile sources and is interested in making sure his group's work is not overlapping with Office of Transportation and Air Quality (OTAQ) efforts. Rob commented that it would also be helpful in the absence of an EPA co-chair to get another state or local agency person onboard as a co-chair. Cyril made a comment that regardless of whether an EPA co-chair was found or not, the message should be made clear to OTAQ that the Mobile Sources Committee would proceed with its work.

Toxics Committee

Dennis explained that the plan for how to address toxics and for a Toxics Committee has shifted somewhat from the previous call. Based on comments and discussions from members of primarily the Point and Area Sources Committees, a proposal was put forth to not create a separate new committee for toxics. It was felt that the best way to address toxics in the EIIP was to more fully incorporate a toxics component into the existing Point and Area Source Committees. EPA would provide additional toxics support by having Anne Pope and Laurel Driver assist the point and area source committees, respectively. Both Anne and Laurel have extensive backgrounds in toxics inventories. Additional state and local agency representatives that have specific expertise in toxics will also be sought for both committees. By supplementing the toxics capabilities of each committee with more EPA and state/local support, it is believed that toxics can be adequately addressed. This approach avoids the cost, delays, and problems of trying to establish a brand new committee.

Dennis asked if anyone on the call had any problem with this approach for handling toxics. No one on the call voiced any disagreement with the proposed approach. Further comments were made that toxics should also be rolled into the activities of the Mobile Sources Committee. Rob and Cyril indicated this would be done.

Biogenic Sources Committee

Dennis reported that there was interest in reviving the work of the Biogenic Sources Committee. Tom Pierce of EPA, the previous EPA committee co-chair, is willing to resume his duties and a new state co-chair person, Mark Estes of the Texas Natural Resource Conservation Commission (TNRCC), has agreed to assist Tom on the committee. Tom described some of the items he thought needed to be tackled by the biogenics group as a part of EIIP Phase 2. He noted that the current biogenics volume guidance needs to be updated. Several states (Texas, California, Utah) have conducted extensive biogenic emissions research efforts, and the results of these activities need to be reflected in the EIIP guidance. Tom said another area needing work was model validation. Specifically, he noted that new attention was needed in the areas of emissions flux, air quality models response to isoprene, and ammonia emissions and deposition from the terrestrial landscape (Tom clarified that terrestrial here did not mean agricultural fields).

Tom and Mark indicated that they would like to see about 5 or 6 additional people on the committee, mostly state agency experts. Mark indicated that they also wanted to get a consultant-type person on the committee as well and asked if this was allowed. This consultant had assisted Texas in developing several of their biogenics methods. Dennis answered that there was no problem in having the consultant on the committee; however, it just needed to be made clear that the consultant, if a part of the committee, would not be eligible to perform project research that the committee may fund.

Mark asked how much funding was available at this time for the committee. Dennis answered that no specific budget had been determined yet for biogenics, and he was not in a position to get into funding questions on this call. Cyril suggested that the committee needed to come up with 3 to 4 potential projects they wanted to pursue and submit these to the Steering Committee for review. The projects should have proposed cost estimates and schedules. The Steering Committee can help decide priorities and budgets for the proposed biogenics activities in the context of the overall EIIP.

COMMITTEE REPORTS

Point Sources Committee

The Point Sources Committee (PSC) report was provided by Bob Betterton. Bob reported that the PSC is still working on Chapter 12 dealing with control devices. There is a call next week to discuss this chapter. Progress on Chapter 14 is continuing as well and a first draft for committee review is expected soon. Bob indicated that committee plans to reexamine and update portions of Chapter 2 on boilers were being slightly delayed until after the work on Chapters 12 and 14 is completed. In particular for Chapter 2, an issue has been raised concerning the preferred method for SO₂ emissions (fuel sulfur analysis vs. continuous emissions monitors). Cyril asked if toxics would be addressed as a part of the Chapter 2 reexamination and Roy Huntley said that it would.

Roy reported that the committee was also conducting work to examine the National Emissions Trends (NET) system control device codes. The PSC has been evaluating the adequacy of the current codes, and has been developing a new set of codes. The draft set of new codes is expected to be out next week. Bob noted that the committee plans to start work next month on guidance chapters for two new industries - graphic arts and the synthetic organic chemicals manufacturing industry (SOCMI). The next PSC conference call will be April 12.

Area Sources Committee

Chuck Mann gave the report for the Area Source Committee (ASC). Chuck indicated that work on the second draft of the livestock chapter was just finishing up. He stated that a new work assignment for Phase 2 activities to update several existing area source chapters had been submitted to contracts. On its last conference call, the ASC discussed a solvent consumption emission factor work assignment that Lee Tooty will lead. Chuck indicated that ASC members were happy with the statement of work for the solvents project. Chuck noted that the ASC is also addressing graphic arts sources and is interested in the graphic arts work that the PSC plans to initiate. He will work with the PSC to coordinate activities for this source category.

Dennis mentioned that he had been sent a file for the ASC Autobody Refinishing chapter (external review draft) by Lucy Adams at ERG. The file was for posting on the EIIP web site. The document had been sent to Steve Bromberg previously for posting on the web site but it was apparently never posted. Dennis indicated that the file must have gotten misplaced in the change of EIIP responsibilities from he and Steve. He said the new file would be posted soon.

Quality Assurance Committee

No one from this committee was on the call; no report was made.

Projections Committee

No one from the committee was on the call; however, Dennis reported one item for this committee. Earlier within this committee, an idea had surfaced that the group should form an Emissions Modeling Committee. After some internal committee discussion, it was decided that the Projections Committee will become the Emissions Modeling Committee. The committee will continue to do projections work, but they will also investigate some of emissions allocation and speciation projects that were identified in the Phase 2 plan.

PM-2.5 Committee

No one from this committee was on the call; no report was made.

OTHER BUSINESS

Upcoming SAEWG Meeting

Dennis indicated that he would be giving a presentation on the progress of EIIP at the upcoming SAEWG meeting in Asheville at the end of March. The presentation will primarily focus on Phase 2 activities, and he will coordinate with each committee to get their input for the update to SAEWG.

Training

Dennis noted that the topic of training was mentioned prominently in the EIIP Phase 2 plan. He has been talking to Howard Wright in EPA's Education and Outreach Group about training and about developing training plans. Dennis said he has also spoken with Jan Cortelyou Lee of the Education and Outreach Group. Jan is currently in the process of updating an old Air Pollution Training Institute

(APTI) course on emissions estimation, and she is very enthusiastic about assisting EIIP in its training program.

Dennis described how EFIG staff have recently been going out to EPA regional offices and conducting inventory training. These efforts provided good insights on training needs. He has also been in contact with Dave Wallenburg of the STAPPA/ALAPCO training committee. Dave asked Dennis to actively participate on his committee's conference calls in order to better coordinate with them, share technical information, and to help update old material. In particular, new training materials are needed in the areas of toxics and particulate matter. Dennis stated that Dave Wallenburg was going to send him the results of a recent survey his committee did on training needs, and that combined with the feedback EFIG received during their recent EPA regional office training visits, would provide a good picture of what training needs exist.

EIIP Fall Workshop

Dennis reported that the plans for the EIIP workshop for the fall of 2000 are progressing well. He is working on a 1-page description of the workshop for distribution purposes. The meeting is scheduled to run for 2½ days. Additional people are showing interest in the workshop and want to have input to the agenda. Dennis hopes to get the agenda for the workshop scoped out in the next couple of weeks.

STEERING COMMITTEE

Next Call

The next teleconference call was scheduled for Wednesday, April 12, 2000, at 3 p.m. EST and the call-in number will be (919) 541-4248.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina

April 12, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Roger Westman, Steering Committee
Rob Altenburg, Mobile Sources Committee
Bob Betterton, Point Sources Committee
Roy Huntley, Point Sources Committee
Chuck Mann, Area Sources Committee
Tom Pace, PM-2.5 Committee
Gene Tierney, EPA/Office of Transportation and Air Quality
Garry Brooks, ERG
Maureen Avakian, ERG

Progress reports of new and existing committees were presented. General discussions were held involving the recent Standing Air Emissions Workgroup (SAEWG) meeting in Asheville, the EIIP fall workshop, and communication issues.

COMMITTEE REPORTS

Point Sources Committee

Roy Huntley presented the Point Sources Committee (PSC) report. Roy stated that Chapter 12, which addresses control devices, should be finalized this month. The first draft of Chapter 14, Uncontrolled Emission Factor Listing for Criteria Air Pollutants, is complete and is being reviewed by the committee. The PSC has begun work on two new guidance chapters for graphic arts and the synthetic organic chemicals manufacturing industry (SOCMI) and plans to complete drafts by June and September, respectively.

Roy reported that the PSC is in the process of reviewing existing chapters 1 through 11 for update and revision as appropriate. He indicated that air toxics would be addressed as a part of the revision process.

Area Sources Committee

Chuck Mann gave the report for the Area Source Committee (ASC). Chuck indicated that a new work assignment for Phase 2 is in effect through September. The work assignment for the solvent consumption emission factor work assignment to be led by Lee Tooty is being processed by the EPA contracts office.

Chuck summarized ACS progress on guidance documents - the Autobody Refinishing chapter has been posted on the EIIP website for external review and a second draft of the Livestock Production Operations has been distributed to the committee for review. The ASC plans to begin work on a guidance document to present information on conducting surveys for area source inventories. Chuck stated that the ASC also plans to review existing chapters for update and revision as appropriate. He indicated that the ASC is still working to identify ways to incorporate air toxics in its guidance documents. Dennis said that he would call people who had expressed interest in participating on the Toxics Committee to see if they would like to get involved with either the ASC or PSC.

Mobile Sources Committee

Both Gene Tierney and Rob Altenburg presented information regarding the Mobile Sources Committee. Gene stated that EPA is working to define its role in support of the Mobile Sources Committee. His division within the Office of Transportation and Air Quality (OTAQ) will provide support for technical issues, while the Transportation and Regional Programs Division will address policy issues.

Rob Altenburg reported that lots of interest has been expressed about this new committee. There are currently 33 people on the roster for the committee, some of whom will be observers who want to be placed on the mailing list to stay informed on committee work and progress. The first committee call was scheduled for April 18.

Seventeen projects have been suggested for Mobile Source Committee attention, including the five presented on the Steering Committee list coming out of the August 1999 workshop. Rob stated that he is working to identify ways to group the tasks, get committee members to form subcommittees to prioritize tasks, and prepare a proposal for the Steering Committee. Rob requested an update concerning the status of an EPA co-chair and information concerning administrative procedures such as requests for support or funding. Dennis Beauregard asked Gene if he would attend the first committee teleconference; Gene agreed. Dennis also asked Gene to clarify his role with respect to the Mobile Sources Committee. Gene stated that EPA has not finalized any plans.

PM-2.5 Committee

Tom Pace presented the report for the PM-2.5 committee. He stated that the Ammonia Workshop attended by EPA, state, and U.S. Department of Agriculture (USDA) researchers had been excellent. The atmosphere was very cooperative and constructive. A short report, produced jointly by EPA and USDA, will be issued to summarize workshop activities.

Tom commented that the USDA has a tremendous amount of valuable information concerning ammonia emissions from agricultural sources. Through cooperation between USDA and EIIP, inventory improvement projects including software development, investigation of the impact of variables on inventories of agricultural source emissions, and identification of improved activity data could be accomplished. Additional research is needed in the area of fate of ammonia from agricultural sources, but Tom was uncertain about EIIP's role in this area.

Tom suggested that the PM-2.5 committee could become involved in projects related to emissions from unpaved roads (specifically surface loading) and guidance to assist states prioritize resource allocation for their inventories.

Biogenic Sources Committee

No one from this committee was on the call; no committee report was made. Dennis did report, however, that while at the March Standing Air Emissions Work Group (SAEWG) meeting, someone expressed concern to him about the possible use of EIIP funds to improve and update guidance for the BEIS3 model. This biogenics project had come out of the August workshop and was in the EIIP Phase 2 Plan document. Concern was expressed that state funds should not be used to improve an EPA model.

Quality Assurance Committee

No one from this committee was on the call; no report was made.

Projections Committee

No one from this committee was on the call; no report was made.

OTHER BUSINESS

March SAEWG Meeting

Dennis stated that he had given a presentation on the progress of EIIP at the SAEWG meeting in Asheville at the end of March. The presentation, focused on Phase 2 activities and EIIP progress over the last 6 months, was well received. SAEWG approved of the progress and requested an update in 6 months.

EIIP Fall Workshop

Dennis reported that the plans for the EIIP workshop for the fall of 2000 are progressing well. The meeting, entitled "Application of EIIP Tools", will be designed for experienced inventory staff. The workshop is scheduled to be held in Raleigh on October 10 and 11, pending finalization of hotel and speaker arrangements. The workshop will consist of a combination of general meeting and breakout sessions. During the general sessions, discussion topics will include quality assurance, models, and data management. Three breakout sessions, addressing point, area, and mobile sources, will be facilitated by state personnel. Workshop attendees will participate in breakout sessions.

Communication

Dennis commented on efforts being made to improve communication with people outside of EIIP on the success and value of the program:

- Dennis plans to prepare and distribute an EIIP newsletter. The document will be two to three pages in length and include an update on Phase 2 activities.
- Committees will be asked to prepare one page summaries for each committee project. These summaries will be posted on the EIIP website and will serve as the basis for future newsletters.
- Plans are being made to update and redesign the EIIP website. The updated site will contain three topic areas - administrative, technical information, and other - from which users can search for more detailed information. Dennis stated that he will solicit input from the committee on "dummy" versions of the redesigned site.
- Dennis would like to coordinate with Bob Betterton to make a joint presentation at the upcoming CENSARA/MARAMA PM workshop. The topic will be state/local partnerships in preparing inventories.

Next Call

The next teleconference call was scheduled for Wednesday, May 17, 2000, at 3 p.m. EDT and the call-in number will be (919) 541-4248.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina

May 24, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Cyril Durrenberger, Steering Committee
Dick Forbes, Steering Committee
Bob Betterton, Point Sources Committee
Roy Huntley, Point Sources Committee
Chuck Mann, Area Sources Committee
Tom Pierce, Biogenic Sources Committee
Mark Estes, Biogenic Sources Committee
Bill Kuykendal, Quality Assurance Committee
Mohammed Mazeed, Projections Committee
Gene Tierney, EPA/Office of Transportation and Air Quality
Garry Brooks, ERG
Maureen Avakian, ERG

Progress reports of new and existing committees were presented. General discussions were held concerning new committee members, the EIIP fall workshop, and communication issues.

COMMITTEE REPORTS

Point Sources Committee

Bob Betterton presented the Point Sources Committee (PSC) report. Bob stated:

- The updated list of control device codes has been sent to the full PSC for comment.
- Additional comments have been received on Chapter 12 (Air Pollution Control Devices). These comments are being incorporated and the document will be sent back to the committee.

- Chapter 14 (Uncontrolled Emission Factor Listing for Criteria Air Pollutants) has been reviewed by the committee and is now final. The PSC is in the process of determining the number of hard copies to produce. The PSC had considered printing approximately 250 copies and distributing them to state and local inventory personnel. One committee member (Marty Hochhauser) had suggested that they produce fewer copies and distribute them to a carefully targeted audience, such as attendees at specific workshops. Dennis Beauregard suggested that the PSC encourage state and local personnel to print the document as needed.
- Chapter 2 (Boilers) has been through a final review process, comments have been received, and the revised document should be finalized in approximately 2 weeks. Bob stated that discussion of Rule Effectiveness had been deleted. In response to a question from Dennis, Roy Huntley stated that the information in Chapter 2 did not require additional revisions to adequately address air toxics.
- A subcommittee has been formed to work on the guidance chapter for Graphic Arts. Work is in the early stages. Roy added that, after some initial concerns, industry is now supportive of the project and will provide input as appropriate.
- A subcommittee has been formed to work on the guidance chapter for the Synthetic Organic Chemicals Manufacturing Industry (SOCMI). ERG is preparing a memo summarizing existing information and making recommendations. Bob stated that the PSC work will not re-create area source guidance for the source category.
- Bob reported that the process of reviewing existing Chapters 1 through 11 for update and revision as appropriate has been scaled back. The PSC plans to complete Chapter 2, and form subcommittees for Chapters 7, 8, and 9. Revisions to each chapter will address air toxics.
- Bob noted that the PSC has several new members: Dick Forbes (Illinois EPA); Sonya Lewis-Cheatham (VA Department of Environmental Quality); Lynn Barnes (SC Department of Health and Environmental Control); and Frank Gao (DE Department of Natural Resources and Environmental Control).

Area Sources Committee

Chuck Mann gave the report for the Area Source Committee (ASC). Chuck summarized ASC progress:

- The abstract guidance document for Vehicle Fires has been completed and is ready to be posted on the EIIP website. Dennis added that he thought the abstract was a good model for other EIIP documents since it eliminated a lot of “boilerplate” language.

- ERG is working on a technical memo summarizing existing information and making recommendations for the new document on conducting surveys as part of an area source inventory.
- The comment period for the Autobody Refinishing document is over; no comments were received. The ASC will double-check with parties who had previously expressed interest in the document and then move forward to finalize the chapter.
- The chapter on Unpaved Roads is still being held at EFIG, pending resolution of a technical issue related to changes being made to the AP-42 section. Dennis stated that he can foresee resolution of this issue, but is concerned that the other ASC chapters (concerning agricultural sources) may require additional work.
- EC/R has begun gathering information to prepare a technical memo for the solvent emission factors and methods work being conducted for Lee Tooty.
- The ASC has several new members: Kristin Abraham (WV Department of Environmental Protection); Dan Brinsko and Rob Sliwinski (NY Department of Environmental Conservation); Laurel Driver (EFIG); Kenneth Santlal (MA Department of Environmental Protection); Angel Thompson (SC Department of Health and Environmental Control); Walter Simms (MD Department of the Environment).
- The ASC is still working to identify specific plans to address air toxics issues. Chuck hopes to have a solid proposal for the next fiscal year.

Mobile Sources Committee

No one from this committee was on the call. However, Dennis Beauregard, Cyril Durrenberger, and Gene Tierney attended the most recent Mobile Sources Committee teleconference and provided a brief summary of the meeting.

Of the five projects presented on the Steering Committee list coming out of the August 1999 workshop, the Mobile Sources Committee has formed subgroups to address three. Two of the subgroups made presentations on the call; the third group is in the process of preparing a proposal. The Mobile Sources Committee discussed the importance of identifying existing information before formulating proposals. The committee hopes to have solid proposals for review in about 1 month.

PM-2.5 Committee

No one from this committee was on the call; no report was made.

Projections Committee

Mohammed Mazeed gave the report for the Projections Committee. He stated that the Projections Committee plans to focus on reviewing and evaluating existing tools. Specifically, they will compare EGAS to alternative growth factor data.

Biogenic Sources Committee

Tom Pierce gave the report for the Biogenic Sources Committee. He stated that the committee is proposing to conduct work on three projects:

- Development of estimation procedures for biogenic hydrocarbons.
- Identify or develop emission factors and activity data for esoteric particulate matter.
- Update the existing EIIP Biogenics volume to reflect new approaches and the current state of knowledge in the area.

Quality Assurance Committee

Bill Kuykendal gave the report for the Quality Assurance (QA) Committee. He noted that the committee has not had a teleconference call in several months, but Bill and Dennis have briefly discussed ideas for projects for the QA Committee. The suggested projects include finalization of the draft chapter on inventory verification/validation and a study (and possible development) of automated QA checks.

Cyril requested a copy of the draft Validation chapter; Garry Brooks promised to send one to him immediately.

OTHER BUSINESS

New Steering Committee Members

Dennis identified new members of the Steering Committee: Dick Forbes (Illinois EPA) and Mike Koerber (LADCO).

EIIP Fall Workshop

Dennis reported that the plans for the EIIP workshop for the fall of 2000 are progressing well. The workshop is scheduled to be held in Raleigh on October 10 and 11, 2000. Dennis stated that the agenda and announcement are in draft form.

Communication

Dennis commented on efforts being made to improve communication with people outside of EIIP on the success and value of the program:

- Dennis plans to prepare and distribute an EIIP newsletter.
- Dennis has received several one page project summaries from committee members and has posted the summaries on the EIIP website. These documents will serve as the basis for future newsletters.
- Dennis will participate in a video broadcast, *Air Toxics Today*, introducing EIIP and its products. Bill Kuykendal stated that he will also be participating in an *Air Toxics Today* program, discussing the Consolidated Emissions Reporting Rule.
- Dennis will present an EIIP update at the upcoming CENSARA/MARAMA PM workshop.
- The STAPPA/ALAPCO Training Committee has expressed interest in working with EIIP.

Next Call

The next teleconference call was scheduled for Wednesday, June 21, 2000, at 3 p.m. EDT and the call-in number will be announced via e-mail prior to the call.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina
July 26, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Dick Forbes, Steering Committee
Roger Westman, Steering Committee
Roy Huntley, Point Sources Committee
Bob Betterton, Point Sources Committee
Chuck Mann, Area Sources Committee
Rob Altenburg, Mobile Sources Committee
Mark Janssen, Mobile Sources Committee
Tom Pierce, Biogenic Sources Committee
Mark Estes, Biogenic Sources Committee
Lee Tooly, Data Management Committee
Greg Stella, Projections Committee
Garry Brooks, ERG
Maureen Avakian, ERG

Progress reports of new and existing committees were presented. General discussions were held involving suggested projects for fiscal year 2001, possible strategies for non-EPA administration of EIIP project work, and the EIIP fall workshop.

COMMITTEE REPORTS

Point Sources Committee

Roy Huntley provided the report for the Point Sources Committee (PSC). He summarized the major progress as follows:

- Work on Chapter 15 (Graphic Arts) is proceeding well. The PSC plans to distribute the document for external review by September 30, 2000 and complete the document during fiscal year 2001.
- The PSC has determined that it is necessary to narrow the scope of Chapter 16 (Synthetic Organic Chemical Manufacturing Industry [SOCMI]) as the task is too large

a job to complete with the existing task budget. The PSC plans to complete the document during fiscal year 2001.

- Roy Huntley presented descriptions of new projects that the PSC is proposing to conduct during fiscal year 2001:
 - Development of a technical memo to address the issue of surrogate emission factors. Bob Betterton stated that he is frequently contacted for information for surrogate emission factor information for use in Title V work. He stated that he would like EIIP to present a nationally consistent process to select surrogate emission factors when an appropriate source- or process-specific factor is not available. Dennis commented that he felt that EIIP should develop general guidance rather than specific factors.
 - Revision of Chapter 12 (Air Pollution Control Devices).
 - Revision of Chapter 14 (Uncontrolled Emission Factor Listing for Criteria Air Pollutants) which presents emission factors by SCC and an SCC/SIC crosswalk. Greg Stella commented that they had developed a similar crosswalk as part of the Economic Growth Analysis System (EGAS) model work. Lee Tooly stated that the next level would be to include a crosswalk to North American Industrial Classification System (NAICS) codes.

Mark Janssen commented that some of the PSC projects suggested for fiscal year 2001 are not on the EIIP “high priority” list and that some of the “high priority” work has yet to be funded. He stated that LADCO feels that EIIP should be responsive to the states and address the issues identified by the states as “high priority”.

Mobile Sources Committee

Rob Altenburg provided the Mobile Sources Committee (MSC) report. Rob expressed concern over funding for the MSC activities. The MSC has identified three projects that it would like to begin:

- Top-down validation of the MOBILE model.
- Improvement of guidance for state and local agencies with respect to input of motor vehicle modeling data.
- Development of improved non-road mobile sources inventory guidance.

The MSC is also considering investigations for Updating Speciation Profiles and Fleet Studies, but these are not currently active.

Given the delays in the identification of an EPA representative to serve as WAM for these projects, Rob asked if it would be possible for a regional planning organization to manage/administer the funds and the projects. Dennis was not opposed, but stated that he would confirm that this concept has both EIIP Steering Committee and EPA management support. Dennis also felt that it is very important to have Office of Transportation and Air Quality (OTAQ) support for any work conducted by the MSC.

Area Sources Committee

Chuck Mann gave the report for the Area Source Committee (ASC) and summarized the group's progress as follows.

- Chuck announced that Theresa Kemmer Moody will be serving as ERG Project Director to support the ASC.
- Chapter 24 (Survey Guidance) is the highest priority project. ERG has submitted a detailed outline and plans to have the document ready for Committee review by September 30, 2000 and to complete the document during fiscal year 2001.
- Chapter 13 (Auto Refinishing) is in external review; the ASC plans to complete the document by September 30, 2000.
- Maintenance revisions to update existing chapters where required is proceeding on schedule.
- On the area source solvents project, Lee Tooty reported that EC/R has obtained permission to use data from the Fredonia Corporation. Lee reported that the project should be completed on schedule, by September 30, 2000.

Dennis asked about the status of the ASC and PSC toxics updates. Chuck stated that a technical memorandum was prepared by ERG describing a project to evaluate the hazardous air pollutant (HAP) emission factors contained in existing area source chapters. The document is in external review and he hopes that the resulting comments will lead to project designs for the future. Roy stated that all of the PSC documents had been reviewed and it was determined that no toxics updates were necessary.

PM-2.5 Committee

No one from this committee was on the call; no report was made.

Projections Committee

Greg Stella made the report for the Projections Committee. He reported that this committee had two primary projects underway.

- Development of a matrix comparison of various emission forecasting models currently available. This comparison will provide guidance for how to choose the best tool for specific inventory efforts. The document has been distributed to key individuals; and the Projections Committee plans to finalize the document by September 30, 2000.
- Investigation of available forecast data from market research studies and comparison to EGAS model results. The Projections Committee plans to prepare a summary technical memo by September 30, 2000.

Greg noted that committee work group participation is decreasing and stated that he is considering designating the committee as “dormant” after September 30, 2000. The committee could be re-activated as required. The one project the Projections Committee considered was the development of a new Emission Forecasting Tool. That work would take 2 to 3 years and Greg hesitates to begin such an effort given the uncertainty of EIIP funding. Greg suggested that a new committee might be formed—Emissions Modeling.

Biogenic Sources Committee

Tom Pierce and Mark Estes presented the report for the Biogenic Sources Committee. They stated that the Committee still needs additional members. Of the three projects put forth for this committee, the Steering Committee supported the update of the existing EIIP Biogenics Guidance Document. The committee is working to identify a contractor to support this effort; Mark suggested Environ based on his experience with them through the Texas Natural Resource Conservation Commission.

For fiscal year 2001, Tom stated that the Biogenic Sources Committee hopes to secure funds to:

- Finalize revisions to the existing EIIP Biogenics Guidance Document

- Identify and develop emission factors for biogenic particulate matter precursors from sources including sea salt, ammonia flux from natural landscapes, and marine sulfur.

OTHER BUSINESS

EIIP Fall Workshop

Dennis reported on the status of the fall EIIP workshop. He indicated that the meeting is still scheduled for October 10-11 at the Brownstone Hotel in Raleigh. Work on determining the number of breakout sessions and coming up with session topics is still proceeding. Dennis sent out a revised agenda to the Steering Committee and committee chairs and requested that everyone review the document and reply with comments as soon as possible. He has scheduled a Steering Committee call for August 1 and hopes to send out an announcement about the workshop soon after the call.

Next Call

The next teleconference call was scheduled for Wednesday, August 23, 2000, at 3 p.m. EDT and the call-in number will be (919) 541-4154.



EIIP TELECONFERENCE MINUTES
Research Triangle Park, North Carolina

September 20, 2000

ATTENDEES

Dennis Beauregard, Steering Committee
Roger Westman, Steering Committee
Herb Sherrow, Steering Committee
Mike Koeber, Steering Committee
Mark Janssen, Mobile Sources Committee
Bob Betterton, Point Sources Committee
Roy Huntley, Point Sources Committee
Tom Pace, PM-2.5 Committee
Greg Stella, Projections Committee
Garry Brooks, ERG

Progress reports of new and existing committees were presented. General discussions were held involving the EIIP fall workshop, program support and funding issues, and the spring 2001 inventory conference in Denver. Dennis started off the meeting by reporting that new state co-chairs would need to be found for the Area Sources, PM-2.5 and the Projections Committees. Carolyn Lozo, the state co-chair for Area Sources, has assumed other duties in the California state agency and can no longer serve in this position. Bill Cure of the PM-2.5 Committee is leaving the North Carolina state agency and therefore could not continue to serve as the state co-chair. Mohammed Mazeed of Delaware has indicated that he desires to relinquish his state co-chair position. Dennis asked the group to give some thoughts to replacements for these people.

Dennis also asked if there were any comments on the minutes prepared for last month's co-chairs conference call. No comments on the minutes were voiced by the participants of this call.

COMMITTEE REPORTS

Point Sources Committee

Bob Betterton provided the report for the Point Sources Committee (PSC). He indicated that the last PSC meeting had been on September 14. He summarized the major progress as follows:

- On Chapter 14 (Uncontrolled Emission Factor Listing for Criteria Air Pollutants), work is being performed to get particulate matter (PM) terminology in the chapter consistent nomenclature used in the FIRE database and in emission inventory guidance issued by EPA for PM-2.5 and regional haze inventories. Revisions to the chapter will be completed next fiscal year.
- On Chapter 2 (Boilers), some last minute comments were received on the chapter from a couple of Committee members. Work is proceeding to address these comments, the chapter should be finalized in October.
- On Chapter 15 (Graphic Arts), an external review draft chapter was submitted to industry reviewers. Comments are due October 6.
- On Chapter 12 (Control Device Efficiencies and Malfunctions), although comments pertaining to Rule Effectiveness were reportedly made by EPA/OECA to STAPPA, the Committee decided to go ahead and finalize the document as it stands and make it available to users. The Committee has noted that the chapter will be revised if the OECA comments are received and they warrant sufficient document changes. Roy is working with with Bill Kuykendal to resolve OECA's questions and concerns. On Chapter 12, work is also being done to ensure that control device codes in the document are consistent with those in other models and databases (e.g., PM calculator).
- Revisions to Chapter 7 (Surface Coating) and Chapter 8 (Paint & Ink Manufacturing) were completed and the documents finalized. Chapter 9 (Secondary Metals) should be finalized in another day or two.

Bob noted that, in response to Steering Committee input, the PSC has decided to table investigation of the synthetic organic chemical manufacturing industry (SOCMI) and the pulp and paper industry categories until next fiscal year. In FY2001, the Committee would like to revisit these categories relative to air toxics emissions. Mike Koerber commented that further work on these point source categories, and point sources in general, was not an EIIP priority based on the results of the August 1999 EIIP workshop discussions. Mike voiced concern that EIIP funds should be applied to projects deemed high priority by states. Roy Huntley indicated that the PSC felt the workshop did indicate air toxics (from all sources) to be a priority and it was from that basis that the PSC was pursuing SOCMI and pulp and paper.

Bob stated that the next PSC meeting would be October 17.

Area Sources Committee

No representative from this committee was on the call; no report was given.

PM-2.5 Committee

Tom Pace gave the report for this committee. Tom stated that a new work assignment was in place for the Committee support contractor to continue work into the next fiscal year. They have started, but haven't progressed very far, on their work to prepare improved inventory development guidance for several PM-2.5 area source categories. He expects more progress next month. The next Committee meeting should be in late October or early November.

Biogenic Sources Committee

No one from this committee was on the call; however, Dennis did report that he had instructed Tom Pierce to go ahead with the Committee's planned project to update the existing EIIP Biogenics Guidance Document. Dennis noted that he still needs to communicate with Mark Estes at the Texas Natural Resource Conservation Commission about the possibility of transferring funds to the state as a means to get a support contractor on board the project.

Projections Committee

This report was given by Greg Stella. Greg began by saying that the Projections Committee had decided to postpone developing the final paper on their comparison of various projections models for this fiscal year. Instead, they will use their remaining time to seek out additional surrogate growth factor data for the top pollutant emitting categories, particularly for PM categories. The models comparison report will be finalized next fiscal year. They will also look at the projections guidance chapters currently posted on the web site and possibly make revisions or additions next fiscal year.

Mobile Sources Committee

Dennis reported that he and Cyril had talked with some of the regional planning groups about coordinating onroad and non-road mobile sources projects being considered by the Mobile Sources Committee (MSC). Dennis spoke with Susan Wierman of MARAMA, while Cyril talked with Larry Byrum of CenSARA. Susan communicated to Rob Altenburg that MARAMA had too many other activities currently going on and would not be able to take on the MSC project. Dennis indicated that he would follow up with NESCAUM to see if they had interest in coordinating one of the MSC projects.

Questions were raised by the call participants about the status of the third MSC project that had been proposed involving a top-down validation of the MOBILE model. Dennis said he thought this project was not that far along and there was no immediate need to pursue it; however, he also noted that it would be fine to proceed with the project. Mike Koerber stated that LADCO would be willing to take on the coordination role for the top-down validation project.

OTHER BUSINESS

Program Support and Funding Issues

Dennis reported that current appropriations bills being considered in Congress include language restricting EPA from using 105 grant funds for purposes such as the EIIP without the support of STAPPA/ALAPCO and may impact funding for FY-2001. Dennis noted this was not a problem for now; however, since the EIIP has sufficient funds in its current budget to operate for another year or two.

EIIP Fall Workshop

Dennis noted that preparations for the workshop were going well. There are currently about 95 registered participants for the meeting. There is still a need to finalize plans for some of the breakout sessions. The exact sessions to be held and their schedule should be finalized over the next week. In addition, some of the people who had committed to lead sessions have had to withdraw and new leads need to be identified. Included here are Sam Wells on the construction equipment & airports and non-road mobile sessions and Orlando Cabrera on the air toxics session. Dennis is working to with other workshop participants to pick up the coordination roles for these sessions. The final agenda for the workshop will be sent to registered participants within the next week.

Denver Inventory Conference

Dennis reminded call participants about the inventory conference scheduled for next spring in Denver. The conference will be held April 30 - May 3, 2001. This meeting is the inventory specialty conference that has traditionally been held in the fall. This year the Air and Waste Management Association (AWMA) is not involved in putting on the conference. Dennis indicated that more technical papers from EIIP projects could be used at the conference. The advertised deadline for abstracts is September 30. Abstracts should be addressed to Sally Dombrowski at EFIG. If there is a problem meeting the September 30 date, please let Sally know that you would like to submit an abstract and when it can be submitted.

Dennis also stated that discussions are still being held to determine if a special session for the EIIP is needed at the conference. If people have thoughts on this issue, they should let Dennis know. There will also likely be an EIIP exhibit booth at the conference.

Next Call

The next teleconference call was scheduled for Wednesday, November 1, 2000, at 3 p.m. EST. The call-in number will be included in the agenda which will be circulated via e-mail prior to the call.